

METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR  
PORT ASSIGNMENTS OF MULTIPLE APPLICATION INSTANCES USING  
THE SAME SOURCE IP ADDRESS

Related Applications

The present application is related to commonly assigned and concurrently filed United States Patent Application Serial No. <sup>09/862,643</sup> ~~1,111~~, entitled "METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR SOURCE ADDRESS SELECTION" (Attorney Docket No. 5577-234), the disclosure of which is incorporated herein by reference as if set forth fully herein.

Field of the Invention

The present invention relates to network communications and more particularly to network communications to a cluster of data processing systems.

Background of the Invention

The Internet Protocol (IP) is a connectionless protocol. IP packets are routed from an originator through a network of routers to the destination. All physical adapter devices in such a network, including those for client and server hosts, are identified by an IP Address which is unique within the network. One valuable feature of IP is that a failure of an intermediate router node or adapter need not prevent a